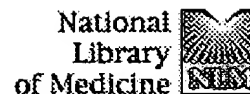


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


















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
















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

















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
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
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
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
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CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

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COPYRIGHT (C) 2004 THOMSON DERWENT

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=> S GPCR OR G-protein-coupled-receptor

11 FILES SEARCHED...
22 FILES SEARCHED...
31 FILES SEARCHED...
46 FILES SEARCHED...
60 FILES SEARCHED...

L1 138672 GPCR OR G-PROTEIN-COUPLED-RECEPTOR

=> S L1 AND calcium

36 FILES SEARCHED...

L2 14468 L1 AND CALCIUM

=> S L1 AND intracellular calcium

41 FILES SEARCHED...

L3 3479 L1 AND INTRACELLULAR CALCIUM


```

=> DUP REM L3
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING IS APPROXIMATELY 40% COMPLETE FOR L3
PROCESSING IS APPROXIMATELY 90% COMPLETE FOR L3
PROCESSING COMPLETED FOR L3
L4      1937 DUP REM L3 (1542 DUPLICATES REMOVED)

=> S L4 AND PY<=2000
'2000' NOT A VALID FIELD CODE
  6 FILES SEARCHED...
  9 FILES SEARCHED...
 12 FILES SEARCHED...
 17 FILES SEARCHED...
'2000' NOT A VALID FIELD CODE
 29 FILES SEARCHED...
'2000' NOT A VALID FIELD CODE
'2000' NOT A VALID FIELD CODE
 39 FILES SEARCHED...
'2000' NOT A VALID FIELD CODE
 44 FILES SEARCHED...
 49 FILES SEARCHED...
'2000' NOT A VALID FIELD CODE
 55 FILES SEARCHED...
 59 FILES SEARCHED...
 60 FILES SEARCHED...
L5      530 L4 AND PY<=2000

=> S L5 AND TGR18
 50 FILES SEARCHED...
L6      0 L5 AND TGR18

=> S L1 AND TGR18
 61 FILES SEARCHED...
L7      50 L1 AND TGR18

=> DUP REM L7
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L7
L8      48 DUP REM L7 (2 DUPLICATES REMOVED)

=> D L8 1-48

L8      ANSWER 1 OF 48 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 1
AN      10413225 IFIPAT;IFIUDB;IFICDB
TI      NOVEL      ***G***      ***PROTEIN*** - ***COUPLED***      ***RECEPTOR***
        PROTEINS AND DNAS THEREOF
IN      Ito Takashi (JP); Miyajima Nobuyuki (JP); Moriya Takeo (JP); Shintani
        Ysushi (JP)
PA      Unassigned Or Assigned To Individual (68000)
PI      US 2003157648      A1 20030821
AI      US 2003-380559      20030311
        WO 2001-JP7833      20010910
        20030311 PCT 371 date
        20030311 PCT 102(e) date
PRAI    JP 2000-280137      20000911
        JP 2001-132920      20010427
FI      US 2003157648      20030821
DT      Utility; Patent Application - First Publication
FS      CHEMICAL
        APPLICATION
CLMN    51
GI      7 Figure(s).
        FIG. 1 shows a hydrophobicity plot of      ***TGR18*** -1.
        FIG. 2 shows a hydrophobicity plot of      ***TGR18*** -2.
        FIG. 3 shows a hydrophobicity plot of      ***TGR18*** -3.
        FIG. 4 shows an amino acid sequence of      ***TGR18*** -1 represented by
        single letter symbols.
        FIG. 5 shows an amino acid sequence of      ***TGR18*** -2 represented by
        single letter symbols.

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FIG. 6 shows an amino acid sequence of ***TGR18*** -3 represented by single letter symbols.
 FIG. 7 shows a distribution of ***TGR18*** expression in each tissue performed in Example 5.

L8 ANSWER 2 OF 48 USPATFULL on STN
 AN 2003:120761 USPATFULL
 TI Novel receptors
 IN Lin, Daniel Chi-Hong, Walnut Creek, CA, UNITED STATES
 Zhao, Jiagang, San Diego, CA, UNITED STATES
 Chen, Jin-Long, Foster City, CA, UNITED STATES
 Cutler, Gene, San Francisco, CA, UNITED STATES
 PA Tularik Inc., South San Francisco, CA, UNITED STATES, 94080 (U.S. corporation)
 PI US 2003083245 A1 20030501
 AI US 2001-891138 A1 20010625 (9)
 PRAI US 2000-213461P 20000623 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 3287
 INCL INCLM: 514/012.000
 INCLS: 530/350.000; 536/023.500; 435/069.100; 435/320.100; 435/325.000
 NCL NCLM: 514/012.000
 NCLS: 530/350.000; 536/023.500; 435/069.100; 435/320.100; 435/325.000
 IC [7]
 ICM: A61K038-17
 ICS: C12P021-02; C12N005-06; C07H021-04; C07K014-705
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 3 OF 48 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
 AN 2002-08644 BIOTECHDS
 TI New ***G*** - ***protein*** ***coupled*** ***receptor*** polypeptides, useful for identifying modulators of signal transduction for treating kidney disease, hyperlipidemia, obesity, dyslexia and cardiac myxoma;
 vector plasmid pCRII-mediated recombinant protein gene transfer and expression in host cell, antibody, DNA primer and DNA probe for use in hypertension, liver disease, spleen-associated disease, immune disorder and blood disease prevention, diagnosis and therapy
 AU LIN D C; ZHAO J; CHEN J; CUTLER G
 PA TULARIK INC
 PI WO 2002000719 3 Jan 2002
 AI WO 2000-US20363 23 Jun 2000
 PRAI US 2000-213461 23 Jun 2000
 DT Patent
 LA English
 OS WPI: 2002-147880 [19]

L8 ANSWER 4 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU79495 Protein DGENE
 TI Testis and placenta-originated ***G*** ***protein*** - ***coupled*** ***receptor*** proteins and encoded DNAs, for developing drugs to treat e.g. Alzheimer's disease, hypertension, arteriosclerosis and dementia, including gene therapy -
 IN Moriya T; Ito T; Shintani Y; Miyajima N
 PA (TAKE) TAKEDA CHEM IND LTD.
 PI WO 2002022665 A1 20020321 122p
 AI WO 2001-JP7833 20010910
 PRAI JP 2000-280137 20000911
 JP 2001-132920 20010427
 DT Patent
 LA Japanese
 OS 2002-362334 [39]
 CR N-PSDB: ABK49808
 DESC Human ***G*** ***protein*** - ***coupled*** ***receptor*** ***TGR18*** -1.

L8 ANSWER 5 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU79494 Protein DGENE
 TI Testis and placenta-originated ***G*** ***protein*** - ***coupled*** ***receptor*** proteins and encoded DNAs, for developing drugs to treat e.g. Alzheimer's disease, hypertension, arteriosclerosis and dementia, including gene therapy -
 IN Moriya T; Ito T; Shintani Y; Miyajima N
 PA (TAKE) TAKEDA CHEM IND LTD.
 PI WO 2002022665 A1 20020321 122p

AI WO 2001-JP7833 20010910
 PRAI JP 2000-280137 20000911
 JP 2001-132920 20010427
 DT Patent
 LA Japanese
 OS 2002-362334 [39]
 CR N-PSDB: ABK49803
 DESC Human ***G*** ***protein*** - ***coupled*** ***receptor***
 TGR18 -3.

L8 ANSWER 6 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU79493 Protein DGENE
 TI Testis and placenta-originated ***G*** ***protein*** -
 coupled ***receptor*** proteins and encoded DNAs, for
 developing drugs to treat e.g. Alzheimer's disease, hypertension,
 arteriosclerosis and dementia, including gene therapy -
 IN Moriya T; Ito T; Shintani Y; Miyajima N
 PA (TAKE) TAKEDA CHEM IND LTD.
 PI WO 2002022665 A1 20020321 122p
 AI WO 2001-JP7833 20010910
 PRAI JP 2000-280137 20000911
 JP 2001-132920 20010427
 DT Patent
 LA Japanese
 OS 2002-362334 [39]
 CR N-PSDB: ABK49800
 DESC Human ***G*** ***protein*** - ***coupled*** ***receptor***
 TGR18 -2.

L8 ANSWER 7 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU74911 Protein DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -
 IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623
 DT Patent
 LA English
 OS 2002-147880 [19]
 CR N-PSDB: ABK12964
 DESC Amino acid sequence of human ***G*** - ***protein***
 coupled ***receptor*** TGR92 protein.

L8 ANSWER 8 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU74910 Protein DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -
 IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623
 DT Patent
 LA English
 OS 2002-147880 [19]
 CR N-PSDB: ABK12963
 DESC Amino acid sequence of human ***G*** - ***protein***
 coupled ***receptor*** edg protein.

L8 ANSWER 9 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU74909 Protein DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -
 IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623

DT Patent
LA English
OS 2002-147880 [19]
CR N-PSDB: ABK12962
DESC Amino acid sequence of human ***G*** - ***protein***
coupled ***receptor*** TGR213 protein.

L8 ANSWER 10 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAU74908 Protein DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and
cardiac myxoma -
IN Lin D C; Zhao J; Chen J; Cutler G
PA (TULA-N) TULARIK INC.
PI WO 2002000719 A2 20020103 78p
AI WO 2001-US20363 20010625
PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
CR N-PSDB: ABK12961
DESC Amino acid sequence of human ***G*** - ***protein***
coupled ***receptor*** TGR130_2 protein.

L8 ANSWER 11 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAU74907 Protein DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and
cardiac myxoma -
IN Lin D C; Zhao J; Chen J; Cutler G
PA (TULA-N) TULARIK INC.
PI WO 2002000719 A2 20020103 78p
AI WO 2001-US20363 20010625
PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
CR N-PSDB: ABK12960
DESC Amino acid sequence of human ***G*** - ***protein***
coupled ***receptor*** TGR130_1 protein.

L8 ANSWER 12 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAU74906 Protein DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and
cardiac myxoma -
IN Lin D C; Zhao J; Chen J; Cutler G
PA (TULA-N) TULARIK INC.
PI WO 2002000719 A2 20020103 78p
AI WO 2001-US20363 20010625
PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
CR N-PSDB: ABK12959
DESC Amino acid sequence of human ***G*** - ***protein***
coupled ***receptor*** TGR62 protein.

L8 ANSWER 13 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAU74905 Protein DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and
cardiac myxoma -
IN Lin D C; Zhao J; Chen J; Cutler G
PA (TULA-N) TULARIK INC.
PI WO 2002000719 A2 20020103 78p
AI WO 2001-US20363 20010625
PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
CR N-PSDB: ABK12958

DESC Amino acid sequence of human ***G*** - ***protein***
 coupled ***receptor*** TGR21 protein.

L8 ANSWER 14 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU74904 Protein DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -
 IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623
 DT Patent
 LA English
 OS 2002-147880 [19]
 CR N-PSDB: ABK12957

DESC Amino acid sequence of mouse ***G*** - ***protein***
 coupled ***receptor*** ***TGR18*** protein.

L8 ANSWER 15 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK49808 cDNA DGENE
 TI Testis and placenta-originated ***G*** ***protein*** -
 coupled ***receptor*** proteins and encoded DNAs, for
 developing drugs to treat e.g. Alzheimer's disease, hypertension,
 arteriosclerosis and dementia, including gene therapy -
 IN Moriya T; Ito T; Shintani Y; Miyajima N
 PA (TAKE) TAKEDA CHEM IND LTD.
 PI WO 2002022665 A1 20020321 122p
 AI WO 2001-JP7833 20010910
 PRAI JP 2000-280137 20000911
 JP 2001-132920 20010427
 DT Patent
 LA Japanese
 OS 2002-362334 [39]
 CR P-PSDB: AAU79495

DESC Human cDNA encoding ***G*** ***protein*** - ***coupled***
 receptor ***TGR18*** -1.

L8 ANSWER 16 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK49807 DNA DGENE
 TI Testis and placenta-originated ***G*** ***protein*** -
 coupled ***receptor*** proteins and encoded DNAs, for
 developing drugs to treat e.g. Alzheimer's disease, hypertension,
 arteriosclerosis and dementia, including gene therapy -
 IN Moriya T; Ito T; Shintani Y; Miyajima N
 PA (TAKE) TAKEDA CHEM IND LTD.
 PI WO 2002022665 A1 20020321 122p
 AI WO 2001-JP7833 20010910
 PRAI JP 2000-280137 20000911
 JP 2001-132920 20010427
 DT Patent
 LA Japanese
 OS 2002-362334 [39]

DESC Human ***G*** ***protein*** - ***coupled*** ***receptor***
 TGR18 -3 TaqMan PCR probe TGR18TQP.

L8 ANSWER 17 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK49806 DNA DGENE
 TI Testis and placenta-originated ***G*** ***protein*** -
 coupled ***receptor*** proteins and encoded DNAs, for
 developing drugs to treat e.g. Alzheimer's disease, hypertension,
 arteriosclerosis and dementia, including gene therapy -
 IN Moriya T; Ito T; Shintani Y; Miyajima N
 PA (TAKE) TAKEDA CHEM IND LTD.
 PI WO 2002022665 A1 20020321 122p
 AI WO 2001-JP7833 20010910
 PRAI JP 2000-280137 20000911
 JP 2001-132920 20010427
 DT Patent
 LA Japanese
 OS 2002-362334 [39]

DESC Human ***G*** ***protein*** - ***coupled*** ***receptor***
 TGR18 -3 TaqMan PCR primer TGR18TQR.

L8 ANSWER 18 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK49805 DNA DGENE
 TI Testis and placenta-originated ***G*** ***protein*** -
 coupled ***receptor*** proteins and encoded DNAs, for
 developing drugs to treat e.g. Alzheimer's disease, hypertension,
 arteriosclerosis and dementia, including gene therapy -
 IN Moriya T; Ito T; Shintani Y; Miyajima N
 PA (TAKE) TAKEDA CHEM IND LTD.
 PI WO 2002022665 A1 20020321 122p
 AI WO 2001-JP7833 20010910
 PRAI JP 2000-280137 20000911
 JP 2001-132920 20010427
 DT Patent
 LA Japanese
 OS 2002-362334 [39]
 DESC Human ***G*** ***protein*** - ***coupled*** ***receptor***
 TGR18 -3 TaqMan PCR primer TGR18TQF.

L8 ANSWER 19 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK49804 DNA DGENE
 TI Testis and placenta-originated ***G*** ***protein*** -
 coupled ***receptor*** proteins and encoded DNAs, for
 developing drugs to treat e.g. Alzheimer's disease, hypertension,
 arteriosclerosis and dementia, including gene therapy -
 IN Moriya T; Ito T; Shintani Y; Miyajima N
 PA (TAKE) TAKEDA CHEM IND LTD.
 PI WO 2002022665 A1 20020321 122p
 AI WO 2001-JP7833 20010910
 PRAI JP 2000-280137 20000911
 JP 2001-132920 20010427
 DT Patent
 LA Japanese
 OS 2002-362334 [39]
 DESC Human ***G*** ***protein*** - ***coupled*** ***receptor***
 TGR18 -3 PCR primer.

L8 ANSWER 20 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK49803 cDNA DGENE
 TI Testis and placenta-originated ***G*** ***protein*** -
 coupled ***receptor*** proteins and encoded DNAs, for
 developing drugs to treat e.g. Alzheimer's disease, hypertension,
 arteriosclerosis and dementia, including gene therapy -
 IN Moriya T; Ito T; Shintani Y; Miyajima N
 PA (TAKE) TAKEDA CHEM IND LTD.
 PI WO 2002022665 A1 20020321 122p
 AI WO 2001-JP7833 20010910
 PRAI JP 2000-280137 20000911
 JP 2001-132920 20010427
 DT Patent
 LA Japanese
 OS 2002-362334 [39]
 CR P-PSDB: AAU79494
 DESC Human cDNA encoding ***G*** ***protein*** - ***coupled***
 receptor ***TGR18*** -3.

L8 ANSWER 21 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK49802 DNA DGENE
 TI Testis and placenta-originated ***G*** ***protein*** -
 coupled ***receptor*** proteins and encoded DNAs, for
 developing drugs to treat e.g. Alzheimer's disease, hypertension,
 arteriosclerosis and dementia, including gene therapy -
 IN Moriya T; Ito T; Shintani Y; Miyajima N
 PA (TAKE) TAKEDA CHEM IND LTD.
 PI WO 2002022665 A1 20020321 122p
 AI WO 2001-JP7833 20010910
 PRAI JP 2000-280137 20000911
 JP 2001-132920 20010427
 DT Patent
 LA Japanese
 OS 2002-362334 [39]
 DESC Human ***G*** ***protein*** - ***coupled*** ***receptor***
 TGR18 -2 PCR primer #2.

L8 ANSWER 22 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK49801 DNA DGENE
 TI Testis and placenta-originated ***G*** ***protein*** -

coupled ***receptor*** proteins and encoded DNAs, for
 developing drugs to treat e.g. Alzheimer's disease, hypertension,
 arteriosclerosis and dementia, including gene therapy -
 IN Moriya T; Ito T; Shintani Y; Miyajima N
 PA (TAKE) TAKEDA CHEM IND LTD.
 PI WO 2002022665 A1 20020321 122p
 AI WO 2001-JP7833 20010910
 PRAI JP 2000-280137 20000911
 JP 2001-132920 20010427
 DT Patent
 LA Japanese
 OS 2002-362334 [39]
 DESC Human ***G*** ***protein*** - ***coupled*** ***receptor***
 TGR18 -2 PCR primer #1.

L8 ANSWER 23 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK49800 CDNA DGENE
 TI Testis and placenta-originated ***G*** ***protein*** -
 coupled ***receptor*** proteins and encoded DNAs, for
 developing drugs to treat e.g. Alzheimer's disease, hypertension,
 arteriosclerosis and dementia, including gene therapy -
 IN Moriya T; Ito T; Shintani Y; Miyajima N
 PA (TAKE) TAKEDA CHEM IND LTD.
 PI WO 2002022665 A1 20020321 122p
 AI WO 2001-JP7833 20010910
 PRAI JP 2000-280137 20000911
 JP 2001-132920 20010427
 DT Patent
 LA Japanese
 OS 2002-362334 [39]
 CR P-PSDB: AAU79493
 DESC Human CDNA encoding ***G*** ***protein*** - ***coupled***
 receptor ***TGR18*** -2.

L8 ANSWER 24 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK12974 DNA DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -
 IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623
 DT Patent
 LA English
 OS 2002-147880 [19]
 DESC DNA sequence of PCR primer #2, used to amplify human TRG62.

L8 ANSWER 25 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK12973 DNA DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -
 IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623
 DT Patent
 LA English
 OS 2002-147880 [19]
 DESC DNA sequence of PCR primer #1, used to amplify human TRG62.

L8 ANSWER 26 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK12972 DNA DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -
 IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625

PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
DESC DNA sequence of human TGR130_1 nested gene specific primer for 3' RACE.

L8 ANSWER 27 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK12971 DNA DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and
cardiac myxoma -
IN Lin D C; Zhao J; Chen J; Cutler G
PA (TULA-N) TULARIK INC.
PI WO 2002000719 A2 20020103 78p
AI WO 2001-US20363 20010625
PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
DESC DNA sequence of human TGR130_1 gene specific primer for 3' RACE.

L8 ANSWER 28 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK12970 DNA DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and
cardiac myxoma -
IN Lin D C; Zhao J; Chen J; Cutler G
PA (TULA-N) TULARIK INC.
PI WO 2002000719 A2 20020103 78p
AI WO 2001-US20363 20010625
PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
DESC DNA sequence of human TGR130_1 nested gene specific primer for 5' RACE.

L8 ANSWER 29 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK12969 DNA DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and
cardiac myxoma -
IN Lin D C; Zhao J; Chen J; Cutler G
PA (TULA-N) TULARIK INC.
PI WO 2002000719 A2 20020103 78p
AI WO 2001-US20363 20010625
PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
DESC DNA sequence of human TGR130_1 gene specific primer for 5' RACE.

L8 ANSWER 30 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK12968 DNA DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and
cardiac myxoma -
IN Lin D C; Zhao J; Chen J; Cutler G
PA (TULA-N) TULARIK INC.
PI WO 2002000719 A2 20020103 78p
AI WO 2001-US20363 20010625
PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
DESC DNA sequence of mouse ***TGR18*** nested gene specific primer for 3' RACE.

L8 ANSWER 31 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK12967 DNA DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and

cardiac myxoma -
 IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623
 DT Patent
 LA English
 OS 2002-147880 [19]
 DESC DNA sequence of mouse ***TGR18*** gene specific primer for 3' RACE.

L8 ANSWER 32 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK12966 DNA DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -

IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623
 DT Patent
 LA English
 OS 2002-147880 [19]
 DESC DNA sequence of mouse ***TGR18*** nested gene specific primer for 5' RACE.

L8 ANSWER 33 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK12965 DNA DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -

IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623
 DT Patent
 LA English
 OS 2002-147880 [19]
 DESC DNA sequence of mouse ***TGR18*** gene specific primer for 5' RACE.

L8 ANSWER 34 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK12964 DNA DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -

IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623
 DT Patent
 LA English
 OS 2002-147880 [19]
 CR P-PSDB: AAU74911
 DESC DNA sequence of human ***G*** - ***protein*** ***coupled***
 receptor TGR92 gene.

L8 ANSWER 35 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK12963 DNA DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -

IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623
 DT Patent
 LA English
 OS 2002-147880 [19]

CR P-PSDB: AAU74910
DESC DNA sequence of human ***G*** - ***protein*** ***coupled***
receptor novel edg (hEDG) gene.

L8 ANSWER 36 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK12962 DNA DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and
cardiac myxoma -
IN Lin D C; Zhao J; Chen J; Cutler G
PA (TULA-N) TULARIK INC.
PI WO 2002000719 A2 20020103 78p
AI WO 2001-US20363 20010625
PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
CR P-PSDB: AAU74909
DESC DNA sequence of human ***G*** - ***protein*** ***coupled***
receptor TGR213 gene.

L8 ANSWER 37 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK12961 DNA DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and
cardiac myxoma -
IN Lin D C; Zhao J; Chen J; Cutler G
PA (TULA-N) TULARIK INC.
PI WO 2002000719 A2 20020103 78p
AI WO 2001-US20363 20010625
PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
CR P-PSDB: AAU74908
DESC DNA sequence of human ***G*** - ***protein*** ***coupled***
receptor TGR130_2 gene.

L8 ANSWER 38 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK12960 DNA DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and
cardiac myxoma -
IN Lin D C; Zhao J; Chen J; Cutler G
PA (TULA-N) TULARIK INC.
PI WO 2002000719 A2 20020103 78p
AI WO 2001-US20363 20010625
PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
CR P-PSDB: AAU12960
DESC DNA sequence of human ***G*** - ***protein*** ***coupled***
receptor TGR130_1 gene.

L8 ANSWER 39 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK12959 DNA DGENE
TI New ***G*** - ***protein*** ***coupled*** ***receptor***
polypeptides, useful for identifying modulators of signal transduction
for treating kidney disease, hyperlipidemia, obesity, dyslexia and
cardiac myxoma -
IN Lin D C; Zhao J; Chen J; Cutler G
PA (TULA-N) TULARIK INC.
PI WO 2002000719 A2 20020103 78p
AI WO 2001-US20363 20010625
PRAI US 2000-213461P 20000623
DT Patent
LA English
OS 2002-147880 [19]
CR P-PSDB: AAU74906
DESC DNA sequence of human ***G*** - ***protein*** ***coupled***
receptor TGR62 gene.

L8 ANSWER 40 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK12958 DNA DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -
 IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623
 DT Patent
 LA English
 OS 2002-147880 [19]
 CR P-PSDB: AAU74905
 DESC DNA sequence of human ***G*** - ***protein*** ***coupled***
 receptor TGR21 gene.

L8 ANSWER 41 OF 48 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK12957 DNA DGENE
 TI New ***G*** - ***protein*** ***coupled*** ***receptor***
 polypeptides, useful for identifying modulators of signal transduction
 for treating kidney disease, hyperlipidemia, obesity, dyslexia and
 cardiac myxoma -
 IN Lin D C; Zhao J; Chen J; Cutler G
 PA (TULA-N) TULARIK INC.
 PI WO 2002000719 A2 20020103 78p
 AI WO 2001-US20363 20010625
 PRAI US 2000-213461P 20000623
 DT Patent
 LA English
 OS 2002-147880 [19]
 CR P-PSDB: AAU74904
 DESC DNA sequence of mouse ***G*** - ***protein*** ***coupled***
 receptor ***TGR18*** gene.

L8 ANSWER 42 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD188021 GenBank (R)
 GenBank ACC. NO. (GBN): BD188021
 GenBank VERSION (VER): BD188021.1 GI:32997760
 CAS REGISTRY NO. (RN): 553026-11-2
 SEQUENCE LENGTH (SQL): 26
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 17 Jul 2003
 DEFINITION (DEF): Novel ***G*** ***protein*** - ***coupled***
 receptor and its DNA.
 KEYWORDS (ST): JP 2003009884-A/5
 SOURCE: synthetic construct
 ORGANISM (ORGN): synthetic construct
 artificial sequences
 NUCLEIC ACID COUNT (NA): 7 a 5 c 3 g 11 t
 COMMENT:
 OS Artificial Sequence
 PN JP 2003009884-A/5
 PD 14-JAN-2003
 PF 10-SEP-2001 JP 2001273677
 PI TAKEO MORIYA,TAKASHI ITO,YASUSHI SHINTANI,NOBUYUKI MIYAJIMA PC
 C12N15/09,A61K38/00,A61K45/00,A61K48/00,A61P3/10,A61P9/00, PC
 A61P9/10,
 PC A61P9/10,A61P9/12,A61P11/06,A61P25/18,A61P25/28,A61P29/00, PC
 A61P35/00,
 PC A61P37/08,C07K14/705,C07K16/28,C12N1/15,C12N1/19,C12N1/21, PC
 C12N5/10,
 PC C12P21/02,C12Q1/68,G01N33/15,G01N33/50,G01N33/53,G01N33/53, PC
 G01N33/566,
 PC G01N33/58,C12N15/00,C12N5/00,A61K37/02
 CC Designed oligonucleotide primer to amplify DNA encoding ***TGR18***
 -
 CC 3
 FH Key Location/Qualifiers
 FT source 1..26
 FT /organism='Artificial Sequence'.
 REFERENCE: 1 (bases 1 to 26)
 AUTHOR (AU): Moriya,T.; Ito,T.; Shintani,Y.; Miyajima,N.

TITLE (TI): Novel ***G*** ***protein*** - ***coupled***
receptor and its DNA
JOURNAL (SO): Patent: JP 2003009884-A 5 14-JAN-2003; TAKEDA CHEMICAL
INDUSTRIES LTD

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..26	/organism="synthetic construct" /mol-type="genomic DNA" /db-xref="taxon:32630"

SEQUENCE (SEQ):

1 tcatccttga cgattcatta atttag

L8 ANSWER 43 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD188019 GenBank (R)
GenBank ACC. NO. (GBN): BD188019
GenBank VERSION (VER): BD188019.1 GI:32997758
CAS REGISTRY NO. (RN): 553026-09-8
SEQUENCE LENGTH (SQL): 24
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Patent
DATE (DATE): 17 Jul 2003
DEFINITION (DEF): Novel ***G*** ***protein*** - ***coupled***
receptor and its DNA.

KEYWORDS (ST): JP 2003009884-A/3
SOURCE: synthetic construct
ORGANISM (ORGN): synthetic construct
artificial sequences

NUCLEIC ACID COUNT (NA): 10 a 4 c 6 g 4 t

COMMENT:

OS Artificial Sequence
PN JP 2003009884-A/3
PD 14-JAN-2003
PF 10-SEP-2001 JP 2001273677
PI TAKEO MORIYA, TAKASHI ITO, YASUSHI SHINTANI, NOBUYUKI MIYAJIMA PC
C12N15/09, A61K38/00, A61K45/00, A61K48/00, A61P3/10, A61P9/00, PC
A61P9/10,
PC A61P9/10, A61P9/12, A61P11/06, A61P25/18, A61P25/28, A61P29/00, PC
A61P35/00,
PC A61P37/08, C07K14/705, C07K16/28, C12N1/15, C12N1/19, C12N1/21, PC
C12N5/10,
PC C12P21/02, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, G01N33/53, PC
G01N33/566,
PC G01N33/58, C12N15/00, C12N5/00, A61K37/02
CC Designed oligonucleotide primer to amplify DNA encoding ***TGR18***

CC 2
FH Key Location/Qualifiers
FT source 1..24
FT /organism='Artificial Sequence'.

REFERENCE:

1 (bases 1 to 24)
AUTHOR (AU): Moriya, T.; Ito, T.; Shintani, Y.; Miyajima, N.
TITLE (TI): Novel ***G*** ***protein*** - ***coupled***
receptor and its DNA
JOURNAL (SO): Patent: JP 2003009884-A 3 14-JAN-2003; TAKEDA CHEMICAL
INDUSTRIES LTD

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..24	/organism="synthetic construct" /mol-type="genomic DNA" /db-xref="taxon:32630"

SEQUENCE (SEQ):

1 ctagtcggag taacacagaa aagt

L8 ANSWER 44 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD188018 GenBank (R)
GenBank ACC. NO. (GBN): BD188018
GenBank VERSION (VER): BD188018.1 GI:32997757
CAS REGISTRY NO. (RN): 553026-08-7

SEQUENCE LENGTH (SQL): 24
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 17 Jul 2003
 DEFINITION (DEF): Novel ***G*** ***protein*** - ***coupled***
 receptor and its DNA.
 KEYWORDS (ST): JP 2003009884-A/2
 SOURCE: synthetic construct
 ORGANISM (ORGN): synthetic construct
 artificial sequences
 NUCLEIC ACID COUNT (NA): 10 a 6 c 5 g 3 t
 COMMENT:
 OS Artificial Sequence
 PN JP 2003009884-A/2
 PD 14-JAN-2003
 PF 10-SEP-2001 JP 2001273677
 PI TAKEO MORIYA, TAKASHI ITO, YASUSHI SHINTANI, NOBUYUKI MIYAJIMA PC
 C12N15/09, A61K38/00, A61K45/00, A61K48/00, A61P3/10, A61P9/00, PC
 A61P9/10,
 PC A61P9/10, A61P9/12, A61P11/06, A61P25/18, A61P25/28, A61P29/00, PC
 A61P35/00,
 PC A61P37/08, C07K14/705, C07K16/28, C12N1/15, C12N1/19, C12N1/21, PC
 C12N5/10,
 PC C12P21/02, C12Q1/68, G01N33/15, G01N33/50, G01N33/53, G01N33/53, PC
 G01N33/566,
 PC G01N33/58, C12N15/00, C12N5/00, A61K37/02
 CC Designed oligonucleotide primer to amplify DNA encoding ***TGR18***
 -
 CC 2
 FH Key Location/Qualifiers
 FT source 1..24
 FT /organism='Artificial Sequence'.
 REFERENCE: 1 (bases 1 to 24)
 AUTHOR (AU): Moriya, T.; Ito, T.; Shintani, Y.; Miyajima, N.
 TITLE (TI): Novel ***G*** ***protein*** - ***coupled***
 receptor and its DNA
 JOURNAL (SO): Patent: JP 2003009884-A 2 14-JAN-2003; TAKEDA CHEMICAL
 INDUSTRIES LTD

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..24	/organism="synthetic construct" /mol-type="genomic DNA" /db-xref="taxon:32630"

SEQUENCE (SEQ):

1 atgaaaatga agtcccaggc aacc

L8 ANSWER 45 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD142327 GenBank (R)
 GenBank ACC. NO. (GBN): BD142327
 GenBank VERSION (VER): BD142327.1 GI:23237272
 CAS REGISTRY NO. (RN): 457165-92-3
 SEQUENCE LENGTH (SQL): 26
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 18 Sep 2002
 DEFINITION (DEF): Novel ***G*** ***protein*** - ***coupled***
 receptor and its DNA.
 SOURCE: synthetic construct.
 ORGANISM (ORGN): synthetic construct
 artificial sequences
 NUCLEIC ACID COUNT (NA): 7 a 5 c 3 g 11 t
 COMMENT:
 OS Artificial Sequence
 PN WO 0222665-A/5
 PD 21-MAR-2002
 PF 10-SEP-2001 WO 2001JP007833
 PR 11-SEP-2000 JP 00P 280137, 27-APR-2001 JP 01P 132920 PI
 TAKEO MORIYA, TAKASHI ITO, YASUSHI SHINTANI, NOBUYUKI MIYAJIMA PC
 C07K14/075, C12N15/12, C12P21/02, A61K38/17, C07K16/28, G01N33/53, PC
 G01N33/15,
 PC A61K45/00, A61P25/00, C12Q1/68, G01N33/566
 CC Designed oligonucleotide primer to amplify DNA encoding ***TGR18***

CC 3
 FH Key Location/Qualifiers
 FT source 1..26
 FT /organism='Artificial Sequence'.
 REFERENCE: 1 (bases 1 to 26)
 AUTHOR (AU): Moriya,T.; Ito,T.; Shintani,Y.; Miyajima,N.
 TITLE (TI): Novel ***G*** ***protein*** - ***coupled***
 receptor and its DNA
 JOURNAL (SO): Patent: WO 0222665-A 5 21-MAR-2002; TAKEDA CHEMICAL
 INDUSTRIES LTD, TAKEO MORIYA, TAKASHI ITO, YASUSHI
 SHINTANI, NOBUYUKI MIYAJIMA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..26	/organism="synthetic construct" /db-xref="taxon:32630"

SEQUENCE (SEQ):
 1 tcatccttga cgattcatta atttag

L8 ANSWER 46 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD142325 GenBank (R)
 GenBank ACC. NO. (GBN): BD142325
 GenBank VERSION (VER): BD142325.1 GI:23237270
 CAS REGISTRY NO. (RN): 457165-90-1
 SEQUENCE LENGTH (SQL): 24
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 18 Sep 2002
 DEFINITION (DEF): Novel ***G*** ***protein*** - ***coupled***
 receptor and its DNA.

SOURCE:
 ORGANISM (ORGN): synthetic construct.
 synthetic construct
 artificial sequences

NUCLEIC ACID COUNT (NA): 10 a 4 c 6 g 4 t

COMMENT:
 OS Artificial Sequence
 PN WO 0222665-A/3
 PD 21-MAR-2002
 PF 10-SEP-2001 WO 2001JP007833
 PR 11-SEP-2000 JP 00P 280137, 27-APR-2001 JP 01P 132920 PI
 TAKEO MORIYA, TAKASHI ITO, YASUSHI SHINTANI, NOBUYUKI MIYAJIMA PC
 C07K14/075, C12N15/12, C12P21/02, A61K38/17, C07K16/28, G01N33/53, PC
 G01N33/15,
 PC A61K45/00, A61P25/00, C12Q1/68, G01N33/566
 CC Designed oligonucleotide primer to amplify DNA encoding ***TGR18***

CC 2
 FH Key Location/Qualifiers
 FT source 1..24
 FT /organism='Artificial Sequence'.
 REFERENCE: 1 (bases 1 to 24)
 AUTHOR (AU): Moriya,T.; Ito,T.; Shintani,Y.; Miyajima,N.
 TITLE (TI): Novel ***G*** ***protein*** - ***coupled***
 receptor and its DNA
 JOURNAL (SO): Patent: WO 0222665-A 3 21-MAR-2002; TAKEDA CHEMICAL
 INDUSTRIES LTD, TAKEO MORIYA, TAKASHI ITO, YASUSHI
 SHINTANI, NOBUYUKI MIYAJIMA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..24	/organism="synthetic construct" /db-xref="taxon:32630"

SEQUENCE (SEQ):
 1 ctagtgcggag taacacagaa aagt

L8 ANSWER 47 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD142324 GenBank (R)
 GenBank ACC. NO. (GBN): BD142324
 GenBank VERSION (VER): BD142324.1 GI:23237269

CAS REGISTRY NO. (RN): 457165-89-8
 SEQUENCE LENGTH (SQL): 24
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 18 Sep 2002
 DEFINITION (DEF): Novel ***G*** ***protein*** - ***coupled***
 receptor and its DNA.
 SOURCE: synthetic construct.
 ORGANISM (ORGN): synthetic construct
 artificial sequences
 NUCLEIC ACID COUNT (NA): 10 a 6 c 5 g 3 t
 COMMENT:
 OS Artificial Sequence
 PN WO 0222665-A/2
 PD 21-MAR-2002
 PF 10-SEP-2001 WO 2001JP007833
 PR 11-SEP-2000 JP 00P 280137,27-APR-2001 JP 01P 132920 PI
 TAKEO MORIYA,TAKASHI ITO,YASUSHI SHINTANI,NOBUYUKI MIYAJIMA PC
 C07K14/075,C12N15/12,C12P21/02,A61K38/17,C07K16/28,G01N33/53, PC
 G01N33/15,
 PC A61K45/00,A61P25/00,C12Q1/68,G01N33/566
 CC Designed oligonucleotide primer to amplify DNA encoding ***TGR18***
 -
 CC 2
 FH Key Location/Qualifiers
 FT source 1..24
 FT /organism='Artificial Sequence'.
 REFERENCE: 1 (bases 1 to 24)
 AUTHOR (AU): Moriya,T.; Ito,T.; Shintani,Y.; Miyajima,N.
 TITLE (TI): Novel ***G*** ***protein*** - ***coupled***
 receptor and its DNA
 JOURNAL (SO): Patent: WO 0222665-A 2 21-MAR-2002; TAKEDA CHEMICAL
 INDUSTRIES LTD,TAKEO MORIYA,TAKASHI ITO, YASUSHI
 SHINTANI, NOBUYUKI MIYAJIMA

Feature Key	Location	Qualifier
source	1..24	/organism="synthetic construct" /db-xref="taxon:32630"

SEQUENCE (SEQ):
 1 atgaaaatga agtcccaggc aacc

L8 ANSWER 48 OF 48 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AX376573 GenBank (R)
 GenBank ACC. NO. (GBN): AX376573
 GenBank VERSION (VER): AX376573.1 GI:19170674
 CAS REGISTRY NO. (RN): 409209-92-3
 SEQUENCE LENGTH (SQL): 1543
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 1 Mar 2002
 DEFINITION (DEF): Sequence 1 from Patent WO0200719.
 SOURCE: house mouse.
 ORGANISM (ORGN): Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Rodentia;
 Sciurognathi; Muridae; Murinae; Mus
 NUCLEIC ACID COUNT (NA): 438 a 352 c 293 g 460 t
 REFERENCE: 1 (sites)
 AUTHOR (AU): Lin,D.C.; Zhao,J.; Chen,J.L.; Cutler,G.
 TITLE (TI): Novel receptors
 JOURNAL (SO): Patent: WO 0200719-A 1 03-JAN-2002; Tularik Inc. (US)

Feature Key	Location	Qualifier
source	1..1543	/organism="Mus musculus" /db-xref="taxon:10090"
CDS	44..997	/note="mouse TGR18 G-protein coupled receptor (GPCR)" /codon-start=1 /protein-id="CAD26816.1" /db-xref="GI:19170675"

/translation="MAQNLSCEWLATEAILNKY
YLSAFYAIEFIFGLLGNTVVFGY
LFCMKNWNSSNVYLFNLSISDFAFLCTLPILIKS
YANDKGTYGDLVCISNRYVLHTNL
YTSILFLTFISMDRYLLMKYPFHEHFLQKKEFAI
LISLAWWALVTLEVLPLMTFINSV
PKEEGSNCIDYASSGNPEHNLIYSLCLTLLGFLI
PLSVMCFFYYKMVFLKRRSQQA
TALPLDKPQRLVVLAVVIFSILFTPYHIMRNLR
ASRLDSWPQGCTQKAIKSIYTLTR
PLAFLNSAINPIFYFLMGDHYREMLISKFRQYFK
SLTSFRT"

SEQUENCE (SEQ):

1	gctcctggca	gagttttctg	tcgagacaga	agccgacagc	agaatggcac	agaattttatc
61	ttgtgagaat	tggttggcaa	cagaggctat	cttgaataag	tactacctct	ctgcatttta
121	tgcaatcgag	ttcatttttg	gactgcttgg	gaatgtcact	gtggtgttcg	gctacctctt
181	ctgcatgaag	aactggaaca	gcagcaatgt	ctatcttttt	aacctttcca	tctctgactt
241	tgctttcctg	tgacccttc	ccatcctgat	aaagagttat	gccaatgata	agggggaccta
301	tggagatgtt	ctctgtataa	gcaaccgata	tgtgcttcac	accaacctct	acaccagcat
361	cctcttcctc	actttcatta	gcatggaccg	atatctgctc	atgaagtacc	ctttccgaga
421	acactttcta	caaaagaagg	aatttgccat	tttaatctcg	ctggctgtct	gggccttagt
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1441	tttatgtgaa	aaatgaatat	aattcaatgt	acaacattag	attttctatt	tgaaaattat
1501	atctcttgaa	aaaataactg	ctgtgcctaa	ataaatcaat	ata	

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